
TomTom ecoPLUS

Installation Guide

Before the installation

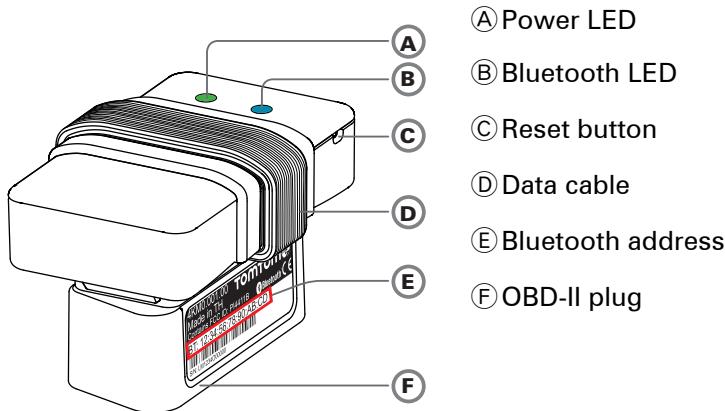
Welcome

With the TomTom ecoPLUSTM you can retrieve fuel consumption data over your vehicle's OBD-II connector and see this in TomTom WEBFLEET in real time. TomTom ecoPLUS works together with the TomTom LINK 300/310 via Bluetooth and therefore requires minimal installation effort. This document shows how to set up your ecoPLUS.

If you need to use your vehicle's OBD-II connector for something else, for example, for maintenance purposes, simply remove your TomTom ecoPLUS from the connector and reconnect it afterwards.

Components

The following figure shows you the different parts of your ecoPLUS.



Requirements

Before installing your ecoPLUS make sure you fulfil the following requirements:

- Your vehicle is fitted with either a TomTom LINK 300 that has a serial number that starts with "LA ..." or a TomTom LINK 310.
- The LINK 300/310 must be activated in TomTom WEBFLEET.
- The LINK 300/310 must have the firmware version 1.8501 or higher.
Download the latest firmware version from the Reseller section on <http://business.tomtom.com> under **Software download**.
- Your vehicle has an OBD-II connector.
- To use the activation tool for your LINK 300/310, you need a laptop with the activation tool installed, a serial cable and the activation code, which you can find in your WEBFLEET contract confirmation.
Download the latest version of the Activation Tool from the Reseller section on <http://business.tomtom.com> under **Software download**.

Installing your ecoPLUS

There are two steps to setting up your ecoPLUS:

1. Configuring a Bluetooth connection between your ecoPLUS and your LINK 300/310.

There are two ways to establish a Bluetooth connection between your ecoPLUS and your LINK:

- Using WEBFLEET, see **Configuring a Bluetooth connection with WEBFLEET**
- Using the Activation Tool, see **Configuring a Bluetooth connection with the Activation Tool**

Make sure you have properly noted and entered the Bluetooth address of your ecoPLUS, which you can find on the label on the OBD-II plug.

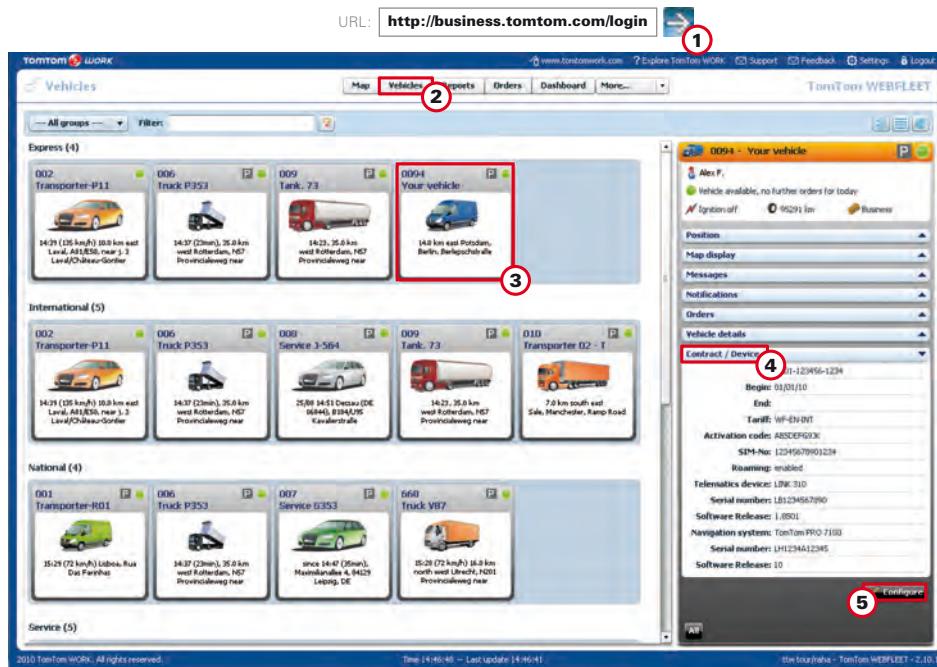
2. Installing your ecoPLUS in your vehicle

Follow the instructions in **Installing ecoPLUS in your vehicle** to install the ecoPLUS in your vehicle.

Configuring a Bluetooth connection with WEBFLEET

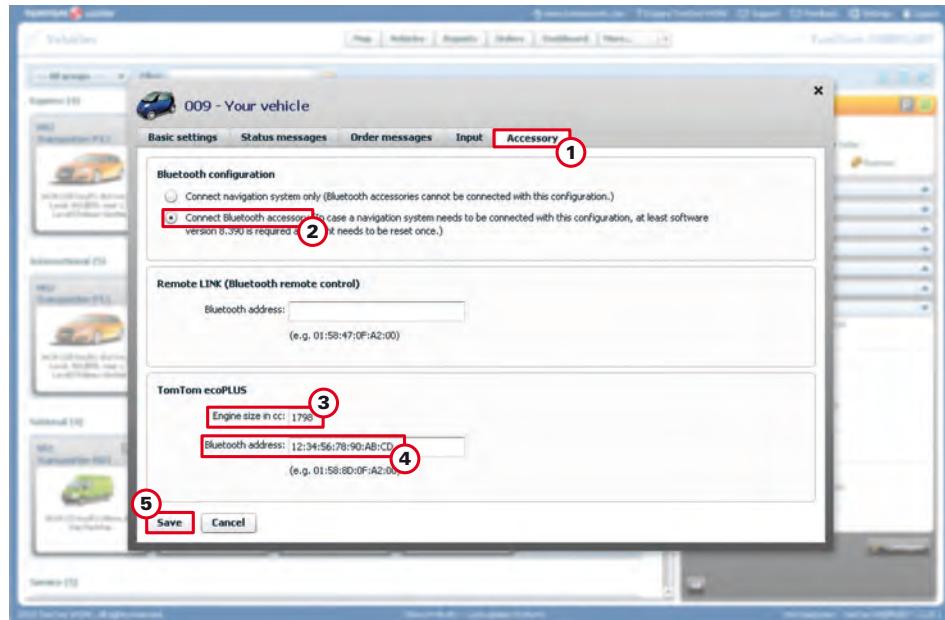
This section describes how to pair your ecoPLUS with the LINK 300/310 installed in your vehicle using WEBFLEET. If you want to use the Activation tool instead, see instructions under **Configuring a Bluetooth connection with the Activation Tool**

*Note: Make sure your vehicle is properly fitted with a LINK 300/310, as described in **Requirements***



1. Log in to WEBFLEET here <http://business.tomtom.com/login>
2. Click **Vehicles**.
3. Select your vehicle from the list.
4. In the details panel on the right, click **Contract/Device**.
5. Click **Configure**.

6. Select the Accessory tab.

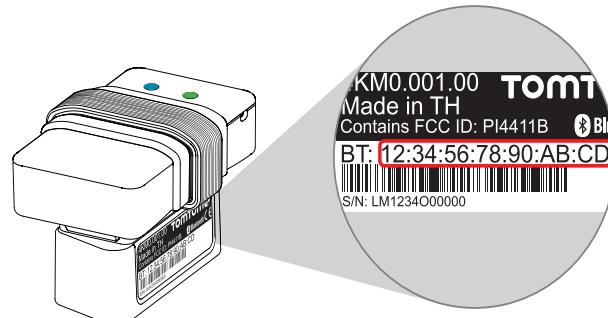


7. Under **Bluetooth configuration** check the radio button for **Connect Bluetooth accessory** to be set.

8. In the **TomTom ecoPLUS** section, enter the engine size of your vehicle in cc.

Make sure you have entered the correct engine size, as this is the basis for the calculation of your vehicle's fuel consumption.

9. Enter the Bluetooth address indicated on the OBD-II connector of the ecoPLUS you want to install in that specific vehicle.



10. Click **Save**.

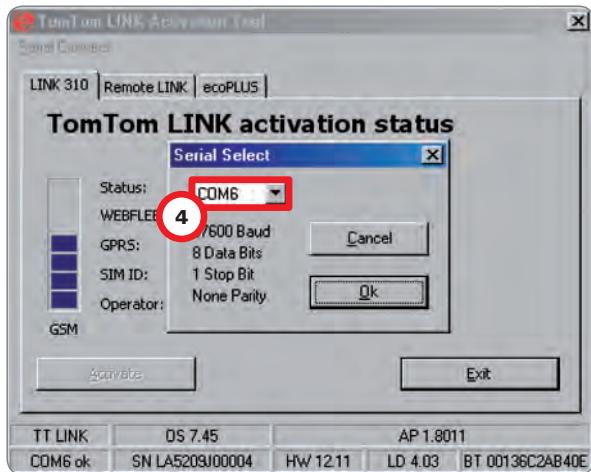
The Bluetooth address of your ecoPLUS is now assigned to the LINK 300/310 in the vehicle you selected. Now you should connect your ecoPLUS. For more information, see **Installing ecoPLUS in your vehicle**

Configuring a Bluetooth connection with the Activation Tool

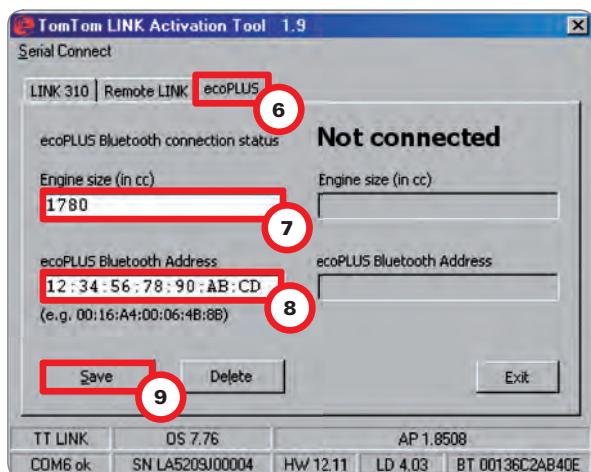
This section describes how to pair your ecoPLUS with your LINK 300/310 using the Activation Tool. If you want to use WEBFLEET instead, see instructions under **Configuring a Bluetooth connection with WEBFLEET**

1. Install the latest version of the Activation Tool to your Microsoft Windows® running PC.
2. Use the serial cable from the LINK 300/310 Service Set to connect your LINK 300/310 to your computer.
3. To start the Activation Tool double click the icon.
4. Select from the pull down menu the COM port to which you have connected your LINK 300/310 .

Make sure the green LED on the LINK 300/310 is solid on before you continue with the next step.

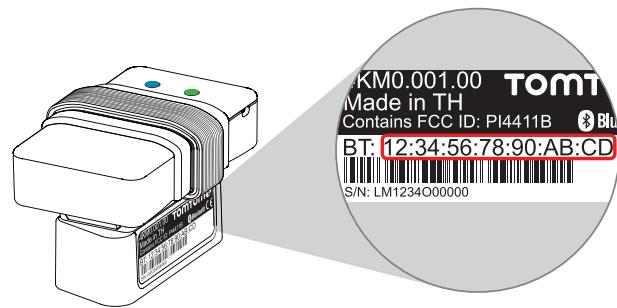


5. Click Ok.
6. Select the **ecoPLUS** tab.



7. Enter in the engine size of your vehicle in cc.

8. Enter the Bluetooth address indicated on the OBD-II connector of the ecoPLUS you want to install in that specific vehicle.

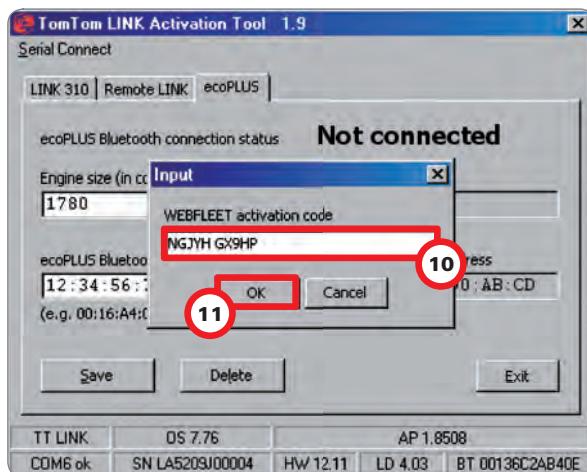


9. Click **Save**.

You are prompted to enter the activation code for the LINK 300/310.

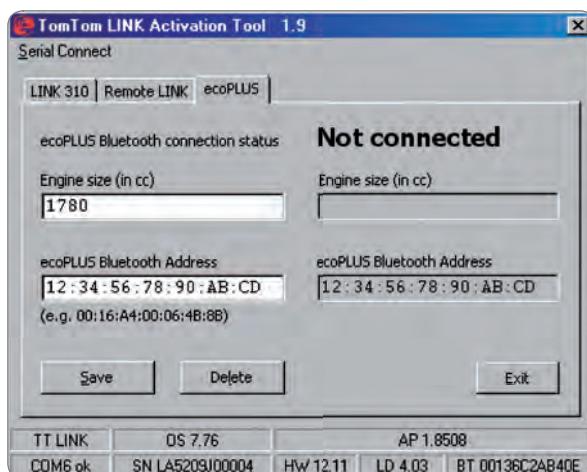
10. Enter the activation code.

You can find the activation code in your WEBFLEET contract confirmation.



11. Click **Ok**.

After a few seconds the Bluetooth address also appears in the right text field.



12. Carry out the steps described above for each additional ecoPLUS and LINK 300/310.

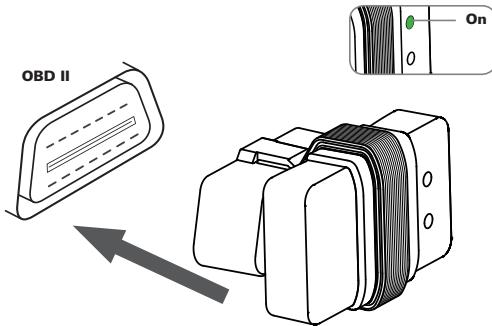
Installing ecoPLUS in your vehicle

This section describes how to connect your ecoPLUS to the vehicle and to the LINK 300/310.

1. Find the OBD-II connector in your vehicle.

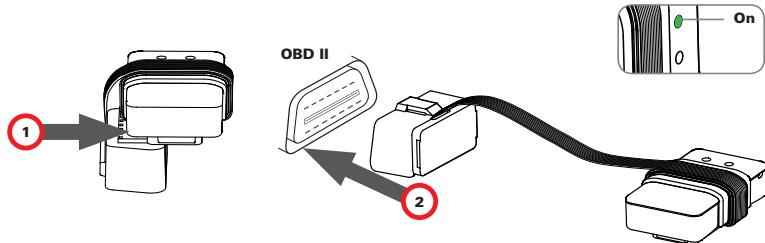
You can find the OBD-II connector in the driver's footwell area. If you are not sure where to find it see your vehicle's service manual or contact your car dealer.

2. Insert the OBD-II plug of your ecoPLUS into the OBD-II connector of your vehicle. Make sure the plug is fully inserted so it cannot drop off.



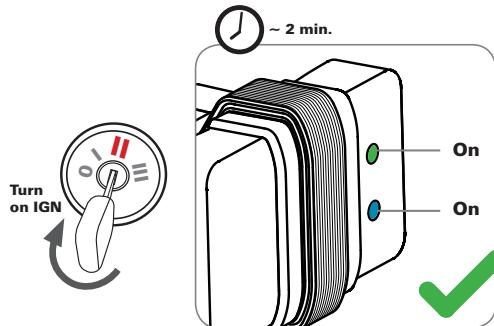
The green Power LED goes on.

3. Optionally, you can slide off the ecoPLUS from the plug to place it aside, if the available space does not allow for an assembled installation.



Important! Affix the loose ecoPLUS so that it cannot drop off and fall into the footwell area or get damaged. Make sure the Power and the Bluetooth LED stay visible for diagnostics purposes.

4. Turn on the ignition.



The LINK 300/310 tries now to establish a connection to your ecoPLUS. This may take up to two minutes. If successful both LEDs should be solid.

You have now completed the installation of the ecoPLUS and successfully established a Bluetooth connection between your ecoPLUS and the LINK 300/310.

The ecoPLUS automatically learns from the vehicle and the engine during operation. Therefore, the vehicle needs to be moved around for some time so the ecoPLUS can be calibrated.

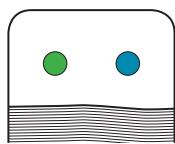


Diagnostics

Understading your ecoPLUS

In the following table the different LED modes are explained showing you working stages of your TomTom ecoPLUS.

Fully operational



Green LED is on - ecoPLUS has power and is on.

Blue LED is on - The devices are identified to each other and a Bluetooth connection is established.

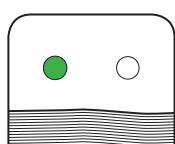
Establishing a connection



Green LED is on - ecoPLUS has power and is on.

Blue LED is flashing - The devices are identified to each other and are trying to establish a Bluetooth connection.

Factory default / devices not identified



Green LED is on - ecoPLUS has power and is on.

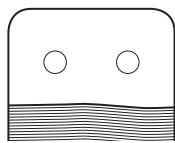
Blue LED is off - Devices are not identified to each other and have no Bluetooth connection.

Power save mode



Green LED is flashing and blue LED is off - ecoPLUS is in standby mode and has no Bluetooth connection.

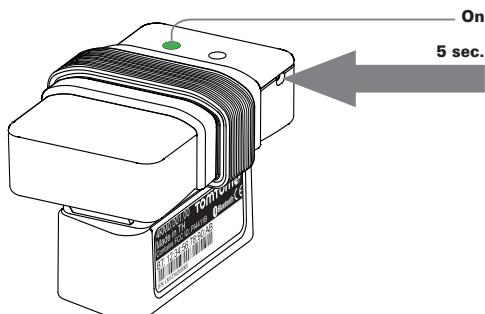
No power



Green and blue LED are off - ecoPLUS has no power/is not connected.

Resetting your ecoPLUS

If you encounter errors with your ecoPLUS or your ecoPLUS is not working as expected you possibly need to reset the device. To reset your ecoPLUS press the reset button for five seconds while it's connected to the OBD-II connector and supplied with power.



Technical data

Protection class	IP33
Operating voltage	8V to 30V
Temperature	Operation: -30 °C to +70 °C